



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

August 20, 2014

Mr. Bruce Bailey
Vice President of Technical Affairs
quasar energy group
5575 Granger Road, Suite 320
Independence, OH 44131

Re: Biosolids Site Review

Dear Mr. Bailey:

Ohio EPA received a request on August 18, 2014 from quasar energy group to include the following sites as part of the Ringler Energy, LLC biosolids management program:

<u>Field ID</u>	<u>Ohio EPA Site No.</u>	<u>County</u>	<u>Township</u>
DEQ-02-01	21-00191	Delaware	Oxford
MOQ-06-01	59-00088	Morrow	Peru

These sites are owned and operated by William Thurston. DEQ-02-01 is located north of Route 229 near the Delaware/Morrow County line. MOQ-06-01 is located southwest of the intersection of Route 229 and Kilbourne-Cardington Road.

A review of these sites was conducted by Ohio EPA. Consideration was given to soil and landscape characteristics, isolation distances from residences, geology and ground water conditions and the proximity to waterways and wells.

The review indicated that portions of these sites contain hydrologic group D soils. Please refer to Ohio Administrative Code (OAC) 3745-40-08 (B)(2) for beneficial use restrictions for group D soils.

These sites are authorized to be included as part of the Ringler Energy biosolids program. This authorization is subject to conditions contained in both the NPDES permit and OAC 3745-40. Conditions contained in the NPDES permit and OAC 3745-40 may differ. In such cases, the more restrictive conditions from either the NPDES permit or OAC 3745-40 shall govern.

Highlights of these conditions are as follows:

1. Biosolids shall not be applied in buffer zones.

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2. In accordance with federal/state rules, biosolids may not be applied within 33 feet of surface waters of the state.
3. Biosolids application shall be timed to avoid periods of excessive wetness to help prevent runoff from a site.
4. Records for the application of biosolids on these sites shall be maintained in accordance with the requirements found in OAC 3745-40-09(C).

All biosolids beneficially used at these sites shall be injected beneath the surface of the ground or immediately incorporated into the soil.

If you have any questions, please contact me at (614) 644-2150 or via email at betsy.vanwormer@epa.ohio.gov.

Sincerely,



Betsy P. L. VanWormer, P.E.
Environmental Engineer II
Ohio EPA Division of Surface Water

Cc: Delaware County Health Department
Delaware County Soil and Water Conservation District
Morrow County Health Department
Morrow County Soil and Water Conservation District
Oxford Township Trustees
Peru Township Trustees
William Thurston

Ec: Sam Mullins, quasar energy group
Isaac A. Robinson, III, Chief, Ohio EPA/CDO



Ohio EPA Division of Surface Water
50 West Town Street, Suite 700
Columbus, OH 43216
(614) 644-2150

Beneficial Use Site Authorization
Ringler Energy, LLC

Ohio EPA Sites 21-00191 and 59-00088
Field IDs: DEQ-02-01 and MOQ-06-01

Deleware and Morrow Counties
Oxford and Peru Townships

